

2001 Future Energy Challenge

Inverter Testing Event – Advance Schedule August 13-17, 2001

Monday, August 13, 2001 — All Teams Participate

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| 9:30 a.m. | Welcome
Randy Gemmen, National Energy Technology Laboratory |
| 9:45 a.m. | Overview of Fossil Energy/NETL/SCNG/Fuel Cell Program
Sam Biondo, U.S. Department of Energy |
| 10:15 a.m. | Overview of the 2001 Future Energy Challenge
Philip Krein, Institute of Electrical and Electronics Engineers |
| 10:45 a.m. | Overview of the Test Program
Randy Gemmen, National Energy Technology Laboratory |
| 11:30 a.m. | Lunch |
| 12:15 p.m. | NETL Tour and Detailed Tour of B4
Randy Gemmen, National Energy Technology Laboratory |
| 1:30 p.m. | Inspection and Power Supply Testing
Team 1 |
| 2:30 p.m. | Fuel Cell Setup
Team 1 |
| | Inspection and Power Supply Testing
Team 2 |
| 3:30 p.m. | Fuel Cell Detailed Assessment
Team 1 |
| 5:30 p.m. | Fuel Cell Duration Test Begins
Team 1 |
| 5:30 p.m. | Adjourn for Krepps Park Barbecue |
| 6:00 p.m. | Barbecue at Krepps Park Pavilion |

Tuesday, August 14, 2001 — Teams 1, 2, and 3 Participate

- 9:00 a.m. Fuel Cell Setup
Team 2
- 10:00 a.m. Fuel Cell Detailed Assessment
Team 2
- Power Supply Short Circuit
Team 1
- 10:30 a.m. Inspection and Power Supply Testing
Team 3
- 12:00 p.m. Fuel Cell Duration Test Begins
Team 2
- 12:00 p.m. Adjourn

All participants are invited to visit WVU's new, state of the art, Student Recreation Center from 5:00 p.m. until 12:00 a.m. Entrances fees will be paid by WVU's Lane Department of Computer Science and Electrical Engineering and the College of Engineering and Mineral Resources.

Wednesday, August 15, 2001

Teams 2, 3, and 4 participate in the morning activities.

All Teams participate in afternoon activities starting at 12:00 p.m.

- 9:00 a.m. Fuel Cell Setup
Team 3
- 10:00 a.m. Fuel Cell Detailed Assessment
Team 3
- Power Supply Short Circuit
Team 2
- 10:30 a.m. Inspection and Power Supply Testing
Team 4
- 12:00 p.m. Fuel Cell Duration Test Begins
Team 3
- 12:00 p.m. Lunch

- 1:30 p.m. Team Presentations and Competition Review Meeting — All 14 teams are invited to make a presentation (estimated duration 20-30 minutes).
- 5:30 p.m. Adjourn
- 6:00 p.m. Social/Dinner at the WVU Erickson Alumni Center
(Dinner will begin at 7:00 p.m.)

Thursday, August 16, 2001 — Teams 3, 4, and 5 Participate

- 9:00 a.m. Fuel Cell Setup
Team 4
- 10:00 a.m. Fuel Cell Detailed Assessment
Team 4
- Power Supply Short Circuit
Team 3
- 10:30 a.m. Inspection and Power Supply Testing
Team 5
- 12:00 p.m. Fuel Cell Duration Test Begins
Team 4
- 12:00 p.m. Judges meeting
- 3:00 p.m. Adjourn

Friday, August 17, 2001 — Teams 4 and 5 Participate

- 9:00 a.m. Fuel Cell Setup
Team 5
- 10:00 a.m. Fuel Cell Detailed Assessment
Team 5
- Power Supply Short Circuit
Team 4
- 12:00 p.m. Fuel Cell Duration Test Begins
Team 5
- 12:00 p.m. Adjourn